Rikomagic MK802 II

Android4.0 Mini PC Manual

Shenzhen Rikomagic Tech Corp.,Ltd

Distributor / Sales Partner: W2COMP.com

1. Connector 3
2. Device connection Instruction 4
3. Boot state 4
4. Main interface introduction 6
4.1 Function column 8
4.2 status bar 8
4.3 application 9
5. Settings 10
5.1 WIFI Setting 10
5.2 Wired network setup 11
5.3 PPPOE Settings 11
5.4 Sound 11
5.5 Display 11
5.6 Storage 12
5.7 Apps 12
5.8 Security 12
5.9 Language & input 12
5.10 Backup & reset 12
5.11 Date and time 12
5.12 Developer options 12
5.13 About device 13
6. Download & Install Apps 13
6.1 Delete Apps 13
7. web browsing 14
8. local playback 14
8.1 Music 15
9. Use virtual keyboard 15
10. Switch input methods 16
Question & Answer 16
Specifications 17

Distributor / Sales Partner: W2COMP - http://www.w2comp.com

Declaration:

- The user manual includes all the information of safe and correct operation instruction. To avoid accident and product damaged, please make sure go through all the content carefully before using the product.
- Please keep the product away from high temperature, humid and dusty environment.
- Do not drop or crash the product.
- Do not cut off the device when it is formatting, or upgrading, otherwise it will cause operation system error.
- Do not dismantle the device. Do not clean it by alcohol, thinner and Benzene.
- We keep the right to upgrade and modify the product.
- Disclaimer: we only take the responsibility to provide the warranty and after service. The users have to take care their data in the device by themselves. We do not responsible for any data or related lost.
- The product is not water-proof.
- All the pictures in the instruction are just for reference.

Distributor / Sales Partner: W2COMP - http://www.w2comp.com

1. Connector

Micro-USB Power: 5V 1A Power

USB 2.0 HOST & Micro USB: Connecting with USB device; or data transfer with computer.

T-Flash: support expanded 2GB-32GB TF card

Recover: firmware recovery button

LED: Power light

HDMI: High Definition Multimedia Interface Output

2. Device connection Instruction

a) Take out MK802II and insert into your TV HDMI port(if there is no enough space around HDMI interface for MK802II, please use HDMI adapter connect), setup the TV data receive mode to HDMI port(Refer to TV set user manual).

b) Power supply connection: take out Micro USB cable, connect it with the player's Mirco USB2 port, then connect USB2 with TV's USB port(notice: if there is no USB2.0 port in your TV or you need connect external HDD box, please connect power adapter directly)

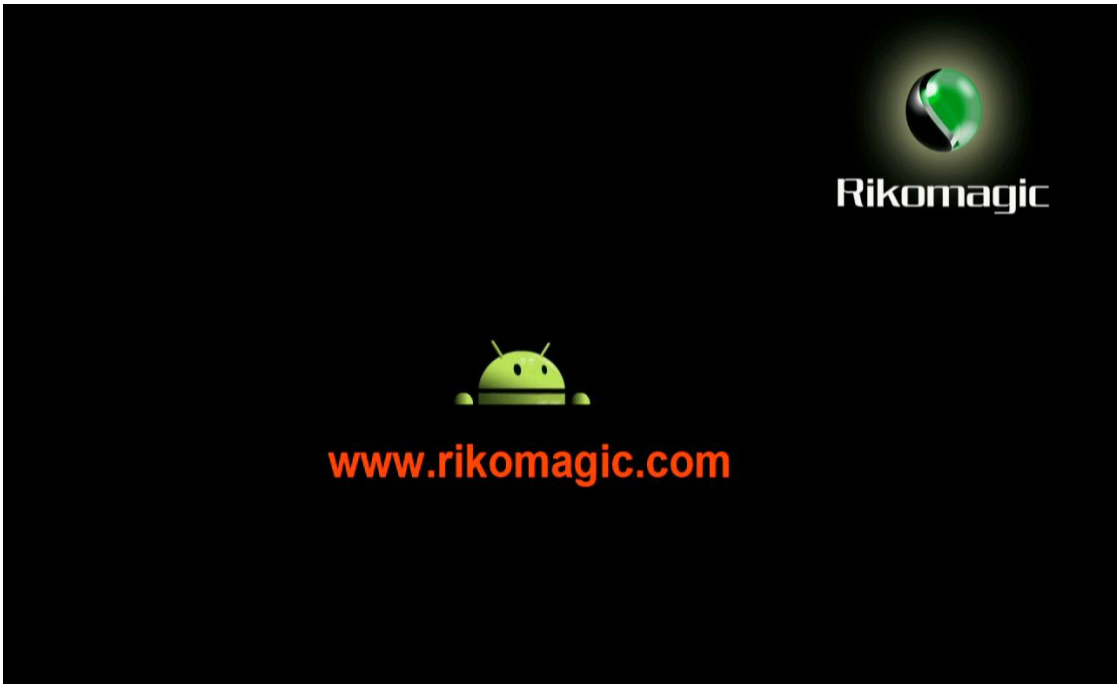
c) This product suggest using 2.4G wireless keyboard or mouse. Plug 2.4G receiver on USB Host connector. Or plug on USB OTG port by port converter. If only mouse plugged, the device will provide soft keyboard in operation system. If the device detected the physical keyboard, the soft keyboard will be hide by OS automatically.

d) Mouse left button for "ok", right button for "return", rolling for page up and page down, Hold left button to pull icon or copy & paste file. Hold middle button for Properties.

3. Boot state

After connect with USB power cable around 10 seconds, the boot screen would appear.

Then access to Rikomagic boot logo;



For about one minute, you will access to main screen;

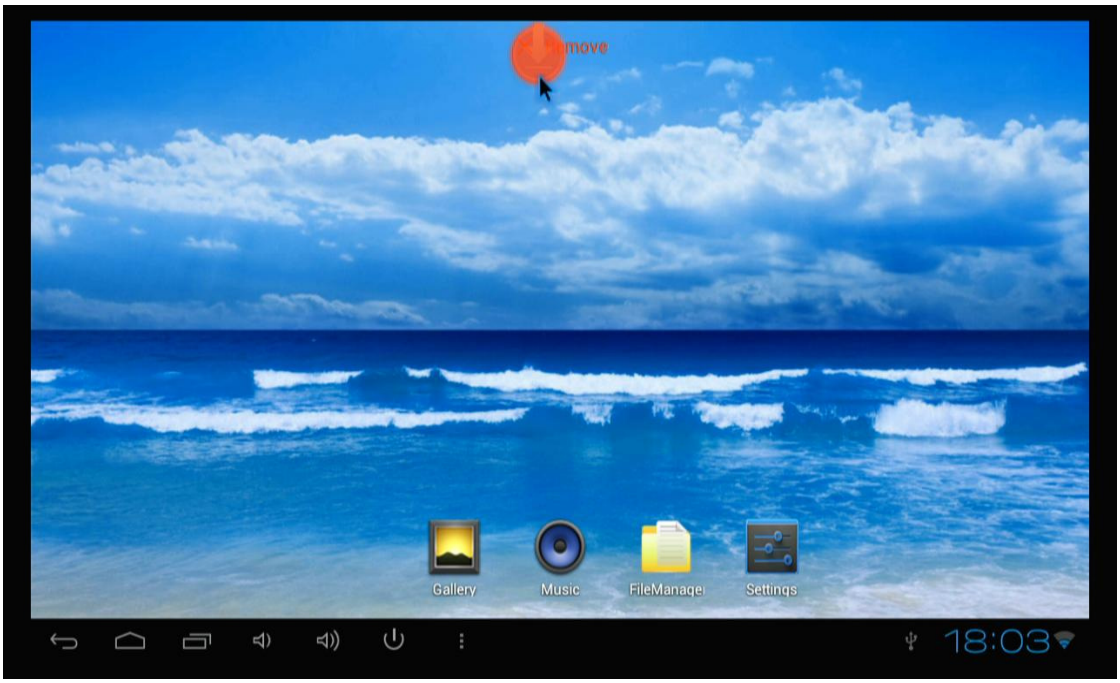
Distributor / Sales Partner: W2COMP - http://www.w2comp.com

4. Main interface introduction

Keep pressing any icon of the main menu, you could drag it anywhere as you like, of course, you can use the same method to drag any app shortcut to the main screen.

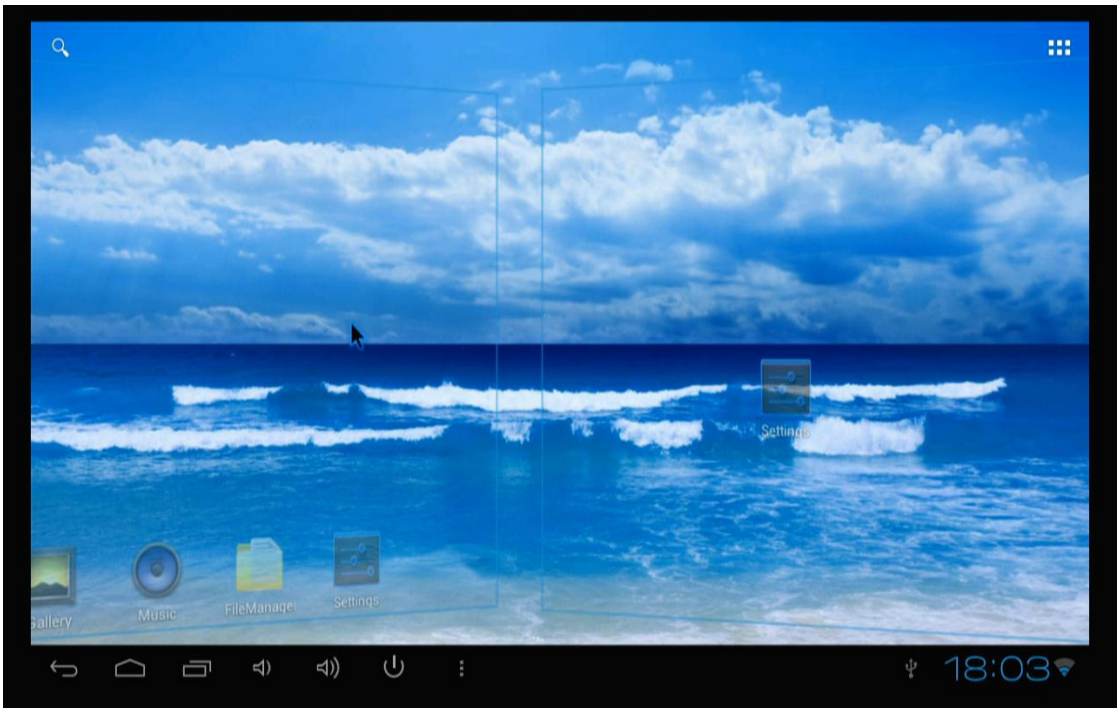
Drag the icon to the right corner “×”for deleting.

Distributor / Sales Partner: W2COMP - http://www.w2comp.com



Move your cursor to any space and drag towards left or right for page rolling.

Also you can use the mouse wheel for rolling page.



Distributor / Sales Partner: W2COMP - http://www.w2comp.com

4.1 Function column

Return button: return to previous page.

Main menu button: click it anytime to return to main menu.

Program button: Click to check all the running program.

Volume decrease button: Click to decrease volume.

Volume increase button: Click to increase volume.

Shutdown button: In any page, click this button you could power off the player.

Properties button: when in different apps, it would show different contents. it's equivalent to Windows properties button.

Search button: Located in the top left corner of the main interface, click the icon to input the website to search the web page

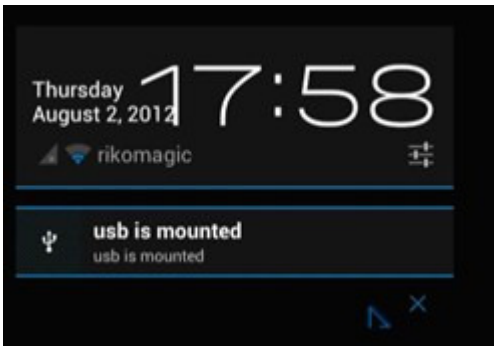
Program tools button: Located in the right top corner of the desktop, click on the icon can see installed apps software.

4.2 Status bar

The right bottom corner is status bar. It shows the status of T-Flash Card, USB connection, Time, Wifi and Download etc.

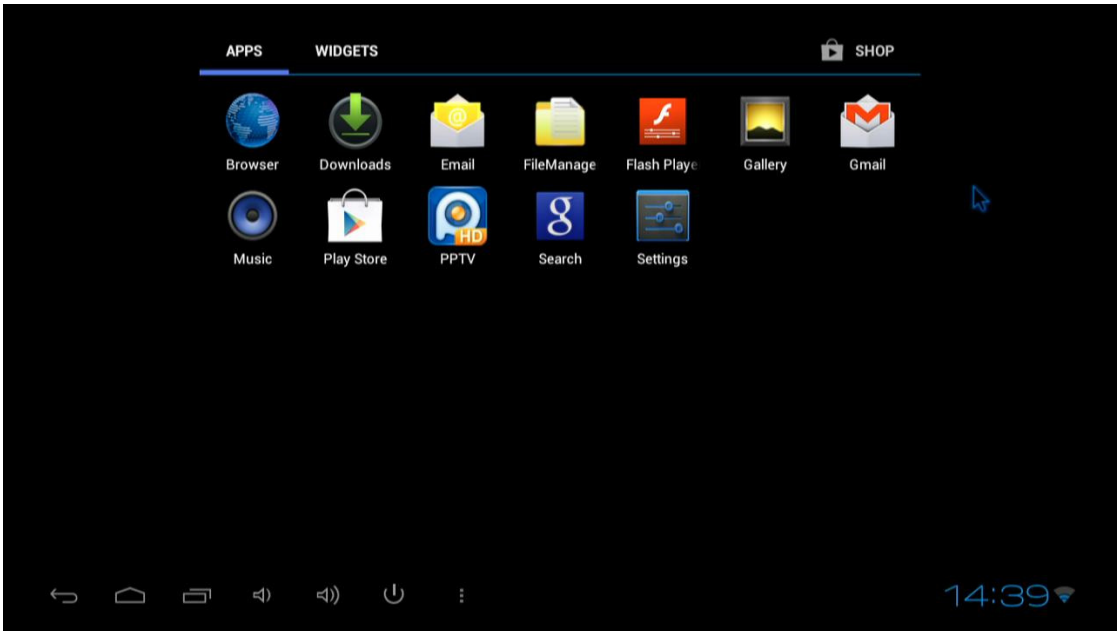
Click status bar, the hide menu will pop up.

Distributor / Sales Partner: W2COMP - http://www.w2comp.com



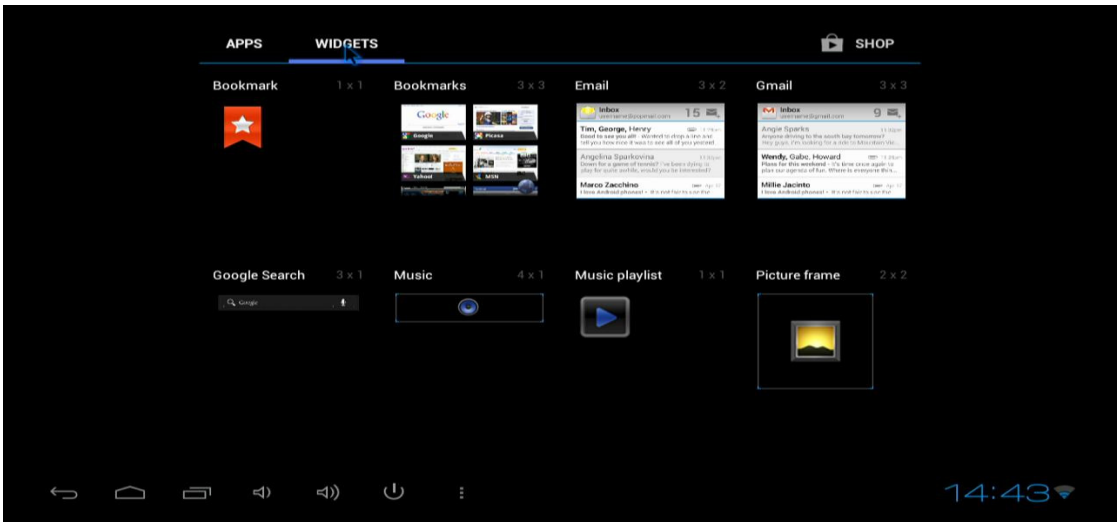
4.3 Application

Click to show up all the installed program and setup tools icon.



- If there are so many app icons, you can drag cursor towards right or left for page rolling to check all the apps.
- You could launch these programs directly, or drag them to anywhere of the main screen if you want.
- Click “WIDGETS”

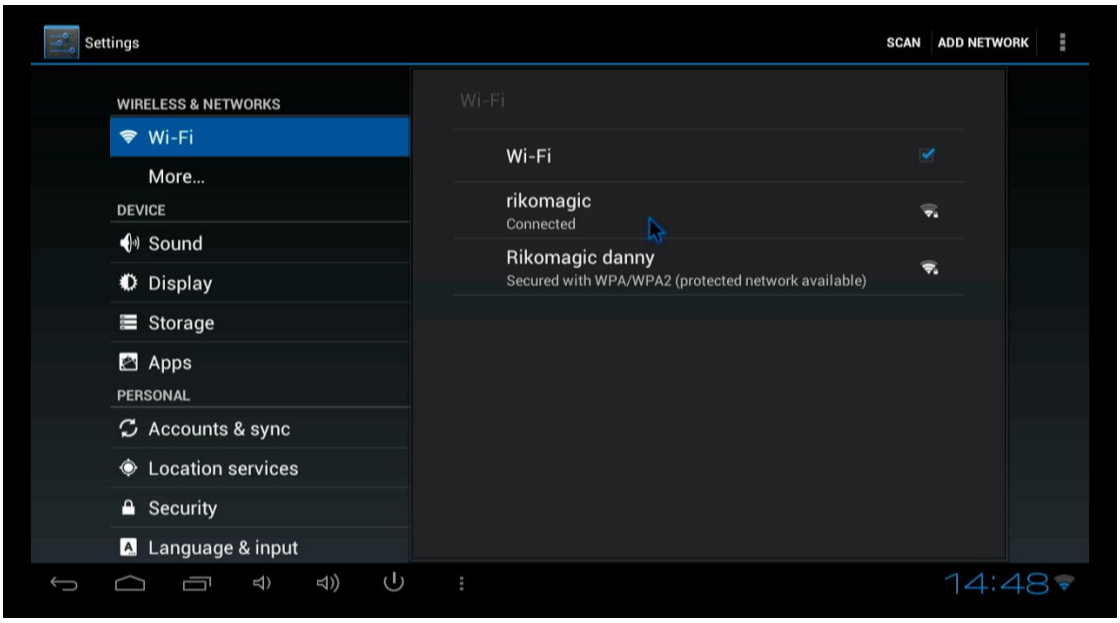
to access, keep pressing those widgets to make them shortcut on the desktop.



5. Settings

In the system user can setup according to their own requirements, such as network connection, language, input methods, Video output resolution, Sound output and check storage space.

It is in tool bar. Click to pop up below screen.



5.1 WIFI Setting

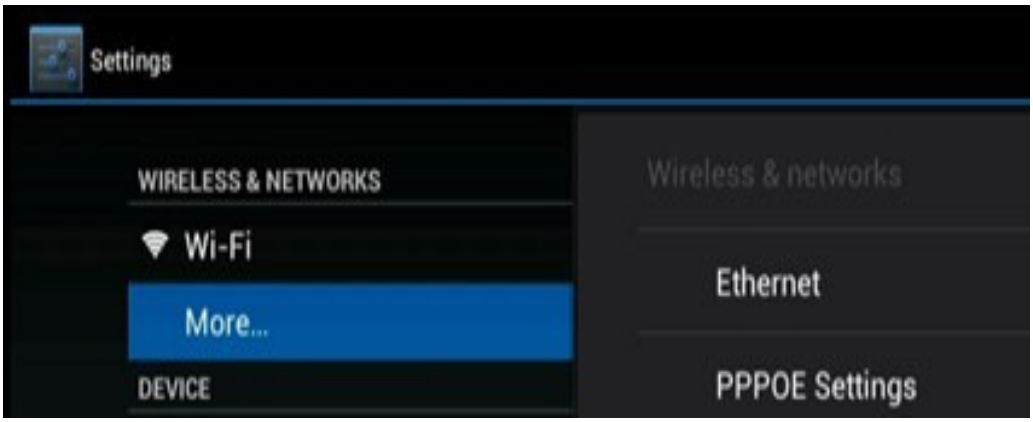
When opened WIFI Player would search available wireless router signals within 30 meters, user just choose a

router and input correct password then could browse internet; if the router without password, player would connect it directly.

5.2 Wired network setup

If there is no wireless and have to use cable to access internet. But first, you should buy a USB2.0 LAN Adapter and plug it on USB Host or OTG ports. (Notice: The network supported is limited, please reference related type.)

Connect RJ45 LAN Cable, click “setting” → “More” → “Ethernet” → tick “Use Ethernet”



5.3 PPPOE Settings

If your family or office network need dial-up, then click PPPOE Settings and input account and password.

Connect RJ45 LAN Cable, Click “Setting → “More” → “PPPOE Settings” → input account and password.

5.4 Sound

Volume: Click to setup volume level for music, video and games or other media

Click sounds: Click to open or close click sounds

Screen lock sound: Click to open or close screen lock sound

Audio output mode: this option user could choose HDMI or SPDIF audio output mode.

5.5 Display

Brightness: Click to setup screen brightness level

Contrast: Click to setup screen color display contrast

Saturation: Click to setup screen color display saturation

Wallpaper: when choose this option, user could change the wallpaper according to their preference

Font size: Click to setup system font size according to their preference.

Screen adaption: Click to adjust some games display size.

Screen trimming: Click to adjust the size of Screen

Display output mode: Click this option user should choose appropriate output resolution

5.6 Storage

In this option, user could view local storage space and external storage space, beside, user could uninstall or format storage equipment.

5.7 Apps

In this option, user could view installed and running apps, at same time could check DDR parameters.

5.8 Security

User can set password according to their needs

5.9 Language & input

Language: user could setup system menu language according to their Country or demand(Currently supporting 60 languages)

Input: system default support Chinese and English, user need manual installing other input methods.

Users can setup here the keyboard and mouse cursor speed and simulation mouse step length.

5.10 Backup & reset

Backup: when you have very important files or apps, you′d better choose backup in case files lost.

Reset: when choose this option, and confirm, system will erase user′s settings and all the apps missing, and apply default configuration immediately (Not suggest).

5.11 Date and time

Because the machine don′t support built-in battery, so manual set date and time can′t be saved, user can use automatic date & time, so when the machine connected with internet, date and time would update automatically.

5.12 Developer options

USB debugging: when connected with PC exchange data need open this option.

5.13 About device

This option show current system information display

6. Download & Install Apps

The apps download from internet, expand-name must be apk, or can't be recognized. Users have two methods install apps:

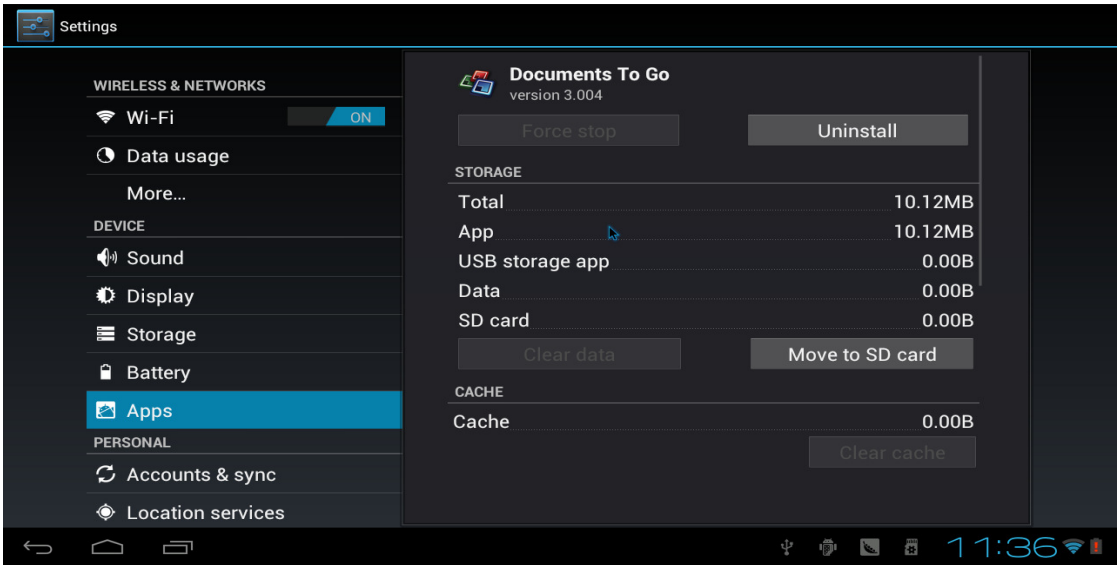
1. Download apps from android market or Google market, after download complete, then follow tips you will finish installation.
2. Also you can use USB disk install apps. First, connect USB disk with player, then open the USB disk, choose the apps you prepared, after selected the apps, just follow the tips you will finish installation.
   Notice: if the apk apps is not from electronic market, system will regard it as not safe, user need manual set it, system settings → security → unknown source, then tick inside box;

6.1 Delete Apps

a. Access to Settings → application → manager application, then you can see the installed apps list

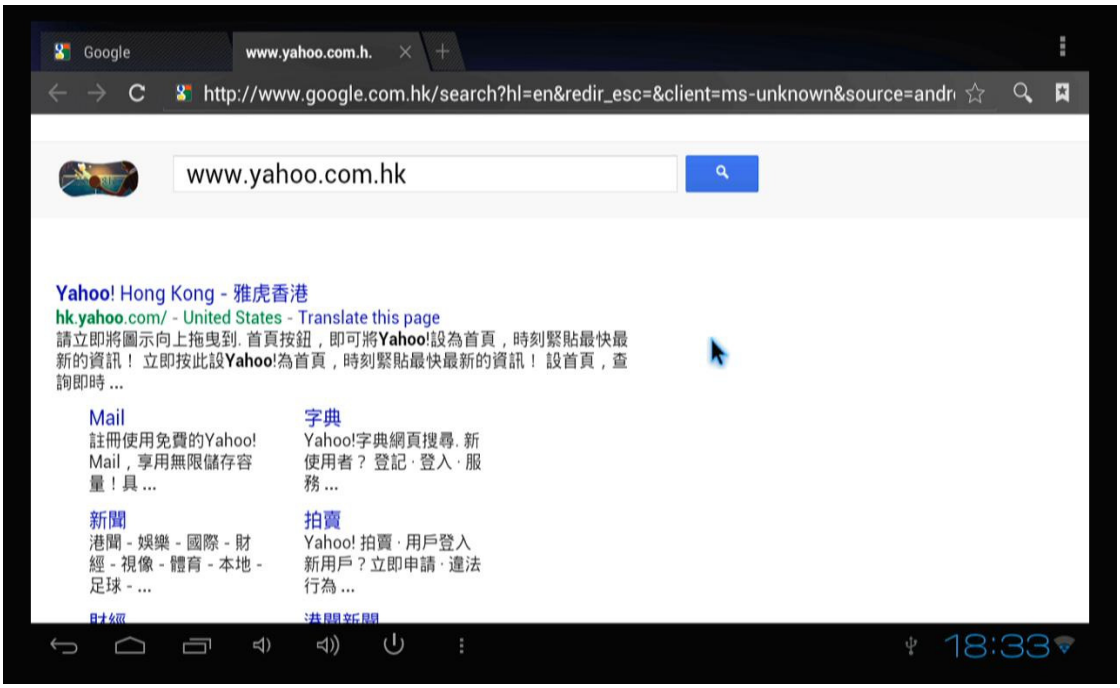
b. Click the apps icon you need delete, delete dialog box will pop up.

c. Click “Uninstall”, then the apps delete completed.



7. Web browsing

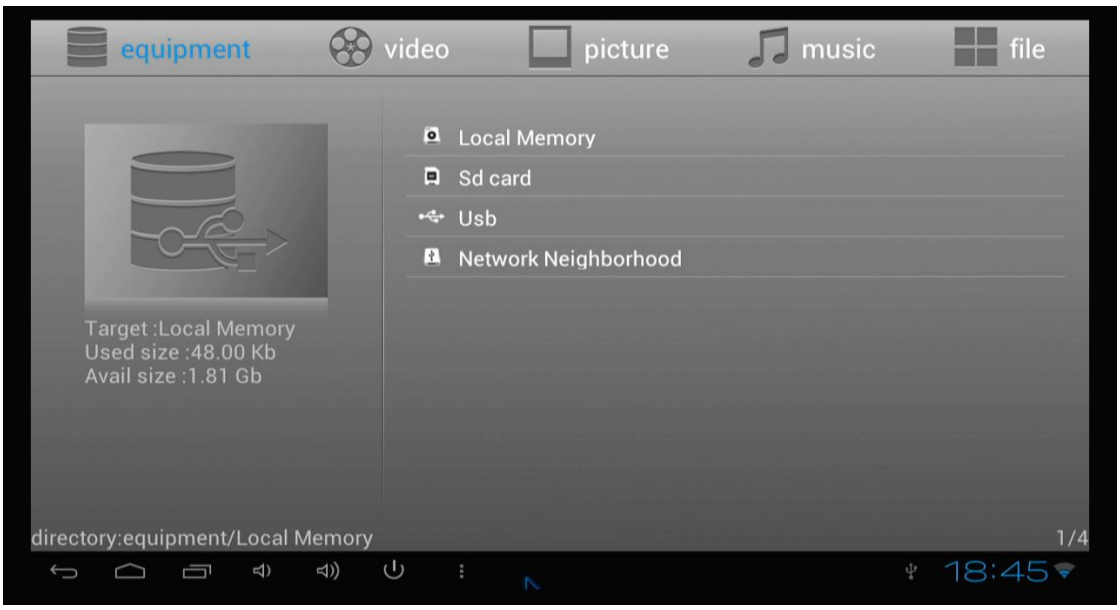
When connected Internet, you could use the following android built-in browser, or install other browser



Based on android habit, new opened page will show on the webpage upper in the form of tag, you can click “+” add new webpage, or click “-“ close opened webpage.

8. local playback

User can through file manager browse external TF card, USB flash drive and HDD box and playback the inside music, video, picture and files.



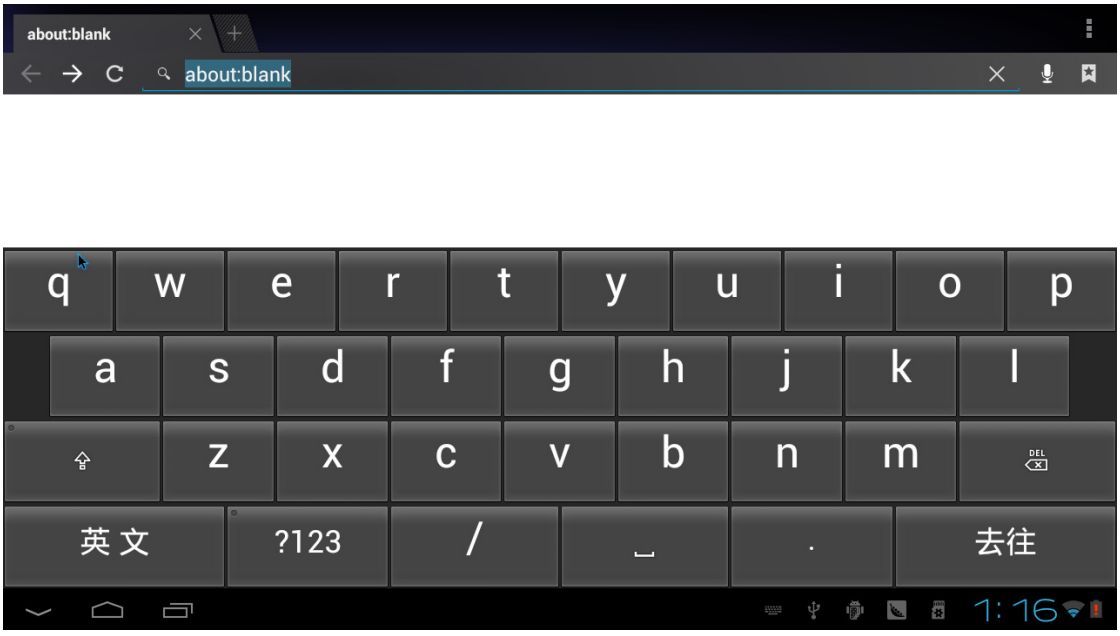
8.1 Music

Click “Settings” → “Music”

The player also could play local video, but need install Player first.

9. Use virtual keyboard

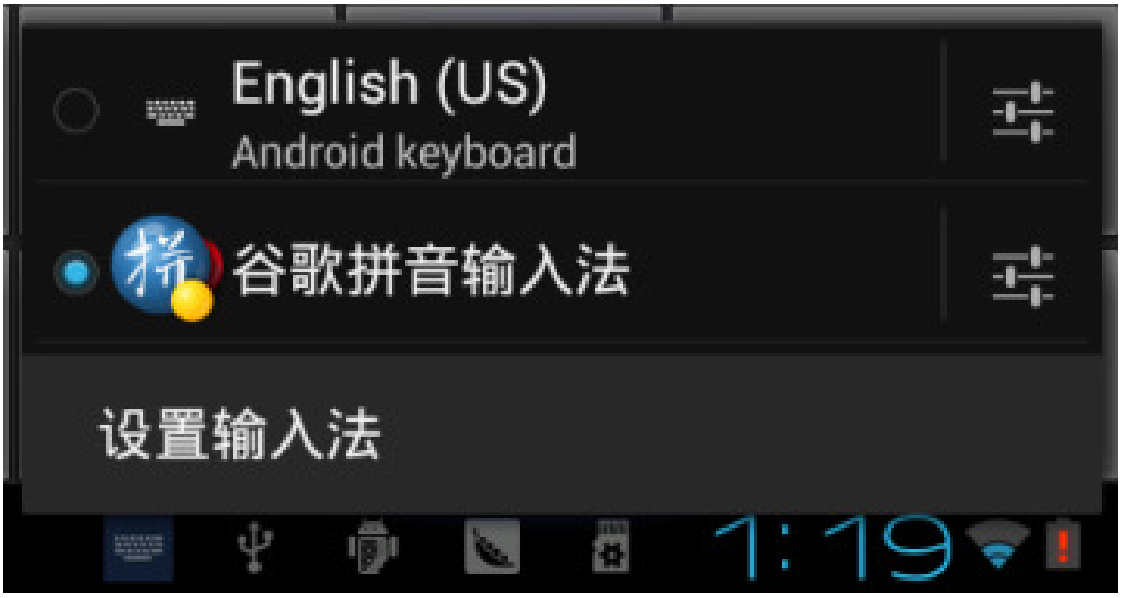
The equipment only support connected the mouse, will appear soft keyboard, if the equipment detected you have inserted into physical keyboard, the soft keyboard will be hidden.



10. Switch input methods

When you click any input box, you can setup your preference input methods, please click desktop keyboard icon at the right-bottom status bar

All the installed methods will display as below picture, and you can choose one of you prefer:



Question & Answer

- Screen flicker or unstable working: please check if the HDMI cable has been connected tightly.
- Can not start device: please download recovery SW from Rikomagic official website: www.rikomagic.com to refresh the device OS. Make sure all the important data has been backup before process it. If the issue still can not be solved, please contact the distributor which you bought from.
- Keep restarting system automatically: please check if the device get enough power supply. Sometimes, external HDD cause power shortage. Please plug additional power supply for external HDD or other external devices.
- Can not find file in SD card or open drive: Please check all the connection of the device. And make sure you have tick of SD and USB Host in “Setting”

Specifications

Model	MK802 II
OS	Android 4.0
Main Chip	Allwinner A10/ 1GHz Cortex-A8
Memory	1GB
Storage	4GB
Graphical processor	2D/ 3D/ OpenGL ES2.0(AMD Z430)/ OpenVG1.1(AMD Z160)@27M Tri/sec
Network	Wireless 802.11b/g/n, WAPI(Ralink8188)
Expand Memory	Micro TF 2-32GB
IO/Ports	Micro USBX2; USB2.0X1; HDMIX1; MicroSDX1
Keyboard	Support virtual keyboard, support 2.4G wireless keyboard, fly mouse
Audio	AAC, AAC+, eAAC+, AMR-NB, AMR-WB, QCP, MP3, WMA, WAV, MIDI, M4A
Video	WMV/ASF/MP4/3GP/3G2M4V/AVI/MJPEG/RV10/DivX/VC-1/MPEG-2/ MPEG-4/H.263/H.264/1280*720P HD 30 fps, 1080P/720*480 D1 30fps
Android APP	Youtube, Twitter, Angry Birds, Office, Gmail, Browse, Skype.
HDMI	1080P&2160P
Power Input	Powered by USB cable.
Accessory	Micro USB to USB(male) cable; Micro USB to USB(female) adapter; HDMI female to male cable
Unit Size	9.7*2.8*1.2cm
Total weight	0.2kg

ADD: 2F,Liangshi Building,Qi'an Road 6#,Shajing street, Bao'an,Shenzhen,China, 518125

E-mail: Sales@rikomagic.com

Official website: www.rikomagic.com

Retail website: www.w2comp.com